BRUHATH BANGALORE MAHANAGARA PALIKE,
DASARAHALLI ZONE
Office of the Executive Engineer Dasarahalli Division

Schedule - B

BBMP/2020-21/OW/WORK_INDENT43854/CALL-2

NAME OF WORK: Improvements and Re asphalting Ganesha Saw mill road and Surrounding roads in Dasarhalli ward no 15

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor Srimati. K MANJULA	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Removing and refixing stone slabs of drains and pointing in CM (1:3)	sqm	675.00	126.88	Rupees One Hundred Twenty Six and Eighty Eight Paise Only
2	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto .imeters and an average lift upto 0.5 m, exf-avated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as perspecifications.	Cum	550.00	152.26	Rupees One Hundred Fifty Two and Twenty Six Paise Only
3	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	90.00	6551.94	Rupees Six Thousand Five Hundred Fifty One and Ninety Four Paise Only
4	Providing and fixing RCC precast Slabs of 0.10 m thick of CC M20 with 20 mm and down size graded granite metal , machine mixed , including cost of all material , labour , HOM of Machinery , curing complete	sqm	225.00	1841.1	Rupees One Thousand Eight Hundred Forty One and Ten Paise Only

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				In Figures (Rs.)	In Words (Rs.)
5	Providing and fixing Pre cast solid concrete kerb stones made out of No.272.21 CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc. complete -do- of size 450x200x400 mm	No	1024.00	516.28	Rupees Five Hundred Sixteen and Twenty Eight Paise Only
6	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications	sqm	350.00	46.82	Rupees Forty Six and Eighty Two Paise Only
7	Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.	Sqm	350.00	107.56	Rupees One Hundred Seven and Fifty Six Paise Only
8	Providing and SUPPLYING Stone Dust/Grit,4.75mmto0.075.	Cum	60.00	1208.4	Rupees One Thousand Two Hundred Eight and Forty Paise Only
9	Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, spreading in uniform layers with motor grader on prepared surface, mixingby mix in place method by rotavator at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per specifications. B. By Mix in Place Method. - For Grading II Material	Cum	112.50	2114.7	Rupees Two Thousand One Hundred Fourteen and Seventy Paise Only

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10	Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	112.50	2281.46	Rupees Two Thousand Two Hundred Eighty One and Forty Six Paise Only
11	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502	sqm	1500.00	30.21	Rupees Thirty and Twenty One Paise Only
12	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen.	Cum	63.00	6528.99	Rupees Six Thousand Five Hundred Twenty Eight and Ninety Nine Paise Only
13	Providing and applying tack coat using 80/100 grade bitumen(VG10) in boiler fitted with spray set distributor at the rate of 0.20 kg per sqm on the existing prepared bituminous surface cleaned with mchancial broom. complete as per specifications. - using bitumen 80/100 on primed surfaces	sqm	3000.00	12.08	Rupees Twelve and Eight Paise Only

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14	Providing and laying Bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V Revision as per IRC SP-53-2015 using 40-60 TPH capacity HMP with mechanical paver grading II Cum (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	120.00	7708.38	Rupees Seven Thousand Seven Hundred Eight and Thirty Eight Paise Only
15	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	sqm	125.00	518.4	Rupees Five Hundred Eighteen and Forty Paise Only
16	Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1	Cum	648.00	141.13	Rupees One Hundred Forty One and Thirteen Paise Only

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